

Application No.: 10/672,783

Amended Claims (Status: 2 January 2006)

Claims 1 - 7 (canceled).

5

8. (New) A method of controlling the number of revolutions of a motor for driving the drum of a laundry machine, comprising the steps of:

placing laundry of a predetermined weight into the drum;

deriving a signal representative of the weight; and

10 setting the upper and lower limits of the revolutions of the motor in response to the signal prior to driving the motor .

9. (New) The method of claim 8, further comprising the step of driving the motor commencing at the lower limit of the revolutions toward the upper limit of  
15 revolutions.

10. (New) The method of claim 9, further comprising the step of driving the motor from the upper limit of revolutions toward the lower limit of revolutions.

20 11. (New) The method of claim 10, further comprising the step of alternately driving the motor in opposite directions.

12. (New) The method of claim 11, further comprising the step of maintaining the motor in an idle state between the opposite directions.

25

13. (New) The method of claim 8, wherein the lower limit of revolutions is between 30 and 40 revolutions of the drum.

14. (New) The method of claim 8, wherein the upper limit of revolutions is  
30 between 50 and 80 revolutions of the drum.

Attorney Docket 030593-US

-13-